

IN THE CLAIMS

Please amend claims 1, 3 through 5, 7, 9, and 10, to read as follows:

1 (amended twice). A flat panel display apparatus for receiving display
information including video data and synchronizing data from a host processing digital
data in a serial digital communication, said display apparatus adapted for operation
without need for any — (i) analog-to-digital converter (ADC) or (ii) phase-locked loop
(PLL) circuit — for signal conversion, said display apparatus comprising:

a receiver for reconstructing said display information;

a synchronizing signal generator for generating a synchronizing signal by
extracting the synchronizing data from said reconstructed display
information;

a digital-to-analog converter (DAC) for converting said video data to a
corresponding analog video signal; and

an output terminal for externally transferring said synchronizing signal and
analog video signal to an analog display apparatus.

3 (amended twice). A digital data processing system including a host computer for
processing digital data and a flat panel display apparatus for displaying display

3 information received from said host computer, said system comprising:

4 a transmitter connected to said host to transfer digital display information as

5 serial data;

6 a receiver for reconstructing said digital display information;

7 a synchronizing signal generator for generating a synchronizing signal by

8 extracting synchronizing data from said reconstructed display

9 information;

10 a digital-to-analog converter (DAC) for converting video data to a

11 corresponding analog video signal; and

12 an output terminal for externally transferring said synchronizing signal and

13 said analog video signal to an analog display apparatus;

14 wherein said flat panel display apparatus includes said receiver, said synchronizing signal

15 generator, and said output terminal; and

16 wherein said flat panel display apparatus does not utilize any — (i) analog-to-digital

17 converter (ADC) or (ii) phase-locked loop (PLL) circuit — for signal conversion.

1 4 (amended twice). The display apparatus of claim 2, further comprising:

2 a liquid crystal display (LCD) driver for receiving data output from said

3 video data converter; and

4 an LCD display panel for receiving an output from said LCD driver.

1 5 (amended thrice). The display apparatus of claim 1, said analog display
2 apparatus comprising:

3 an amplifier for receiving said video signal from said DAC via said output
4 terminal and amplifying said video signal;

5 a deflection signal generator for receiving said synchronizing signal output
6 from said synchronizing signal generator via said output terminal and
7 for generating deflection signals;

8 a high voltage generator for receiving an output from said deflection signal
9 generator and generating a high voltage; and

10 a cathode ray tube (CRT) display for receiving said amplified video signal
11 from said amplifier and output signals from said deflection signal
12 generator and a high voltage from said high voltage generator.

1 7 (amended twice). The system of claim 6, further comprising:

2 a liquid crystal display (LCD) driver for receiving data output from said
3 video data converter; and

4 an LCD display panel for receiving an output from said LCD driver.

1 9 (amended). In a flat panel display apparatus comprising:

2 a receiver means for reconstructing video display information including

3 video synchronization data from a host; and

4 a conversion means for converting said data to a corresponding video

5 signal;

6 *the improvement comprising:*

7 a means for converting said data to a corresponding video signal without

8 utilization of (i) an analog-to-digital converter (ADC) or (ii) a phase-locked

9 loop (PLL) circuit.

1 10 (amended). In a method of processing display information containing video
2 data and synchronizing data from a host processing digital data in a serial communication,
3 said method comprising the steps of:

4 (1) reconstructing said display information to provide reconstructed display
5 information;

6 (2) generating a synchronizing signal by extracting the synchronizing data from
7 said reconstructed display information;

8 (3) converting said video data to a corresponding video signal; and

9 (4) transferring said synchronizing signal and video signal to a display;

10 *the improvement comprising:* a step for converting said video data to a corresponding

11 signal without utilizing (i) an analog-to-digital converter (ADC) or (ii) a phase-

12 locked loop (PLL) circuit.